

INTERNATIONAL SEARCH REPORT

Intern: Application No
PCT/US 03/28938

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B29C70/52

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 116 450 A (DODD BILL W ET AL) 26 May 1992 (1992-05-26)	1-4,7-9
A	column 1, line 65 -column 2, line 1 column 3, line 27 - line 29 column 4, line 50 -column 5, line 7 column 6, line 50 -column 7, line 23 column 8, line 45 - line 52; figures 2,3,6	6
A	US 2002/056508 A1 (BRANDSTROM RANDEL) 16 May 2002 (2002-05-16) paragraph '0090!; figures 6,7	1,7
A	GB 780 677 A (H I THOMPSON FIBER GLASS CO) 7 August 1957 (1957-08-07) page 7, line 35 - line 63; figure 25	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

8 December 2003

Date of mailing of the international search report

17/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Attalla, G

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 540 797 A (WILSON MAYWOOD L) 30 July 1996 (1996-07-30) column 4, line 49 - line 50; figures 3,7 -----</p>	1

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US 2002056508	A1	16-05-2002	WO 03047846 A2	12-06-2003
			CA 2437934 A1	12-06-2003
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			AU 5187496 A	16-10-1996
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			JP 11502789 T	09-03-1999
			WO 9630196 A1	03-10-1996